



01-08-01 1015 Rec'd PCT/PTO 04 JAN 2007
PC

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/550,152
Filing Date	September 20, 2005
First Named Inventor	Joacim Elmén
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	64190(71432)

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Sequence Listing Diskette Sequence Listing Paper Copy Part 2 Copy of Notice Oath & Declaration Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Stephana E. Patton		
Date	January 4, 2007	Reg. No.	50,373

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EV 971737005 US, on the date shown below in an envelope addressed to:
MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: January 4, 2007

Signature: (Lynne M. Hawkes)

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Effective on 12/08/2004. <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i>		Complete if Known	
FEE TRANSMITTAL		Application Number	10/550,152
For FY 2006		Filing Date	September 20, 2005
		First Named Inventor	Joacim Elmén
		Examiner Name	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	N/A
TOTAL AMOUNT OF PAYMENT	(\$) 1,720.00	Attorney Docket No.	64190(71432)

METHOD OF PAYMENT (check all that apply)					
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____					
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>04-1105</u> Deposit Account Name: <u>Edwards Angell Palmer & Dodge LLP</u>					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)					
<input checked="" type="checkbox"/> Charge fee(s) indicated below			<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17			<input checked="" type="checkbox"/> Credit any overpayments		

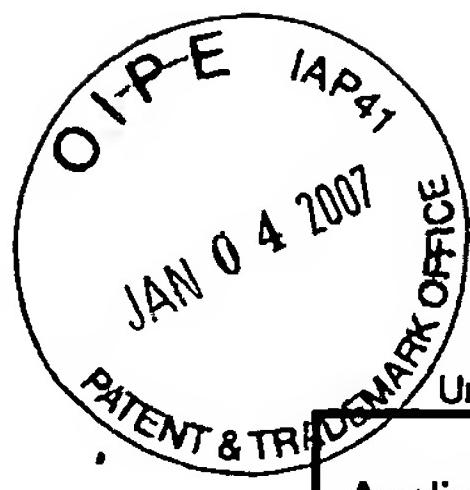
FEE CALCULATION															
1. BASIC FILING, SEARCH, AND EXAMINATION FEES															
<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>										
	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>									
Utility	300	150	500	250	200	100									
Design	200	100	100	50	130	65									
Plant	200	100	300	150	160	80									
Reissue	300	150	500	250	600	300									
Provisional	200	100	0	0	0	0									
2. EXCESS CLAIM FEES															
<u>Fee Description</u> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Each claim over 20 (including Reissues)</td> <td style="width: 20%; text-align: right;">50</td> <td style="width: 20%; text-align: right;">25</td> </tr> <tr> <td>Each independent claim over 3 (including Reissues)</td> <td style="text-align: right;">200</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Multiple dependent claims</td> <td style="text-align: right;">360</td> <td style="text-align: right;">180</td> </tr> </table>							Each claim over 20 (including Reissues)	50	25	Each independent claim over 3 (including Reissues)	200	100	Multiple dependent claims	360	180
Each claim over 20 (including Reissues)	50	25													
Each independent claim over 3 (including Reissues)	200	100													
Multiple dependent claims	360	180													
<u>Total Claims</u> <u>Extra Claims</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u> <u>Multiple Dependent Claims</u> <hr/> <u>- =</u> <u>x</u> <u>=</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u>															
HP = highest number of total claims paid for, if greater than 20.															
<u>Indep. Claims</u> <u>Extra Claims</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u> <hr/> <u>- =</u> <u>x</u> <u>=</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u>															
HP = highest number of independent claims paid for, if greater than 3.															
3. APPLICATION SIZE FEE															
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).															
<u>Total Sheets</u> <u>Extra Sheets</u> <u>Number of each additional 50 or fraction thereof</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u> <hr/> <u>- 100 =</u> <u>/50</u> <u>(round up to a whole number) x</u> <u>=</u> <u>Fees Paid (\$)</u>															
4. OTHER FEE(S)															
Non-English Specification, \$130 fee (no small entity discount)															
Other (e.g., late filing surcharge): 1254 Extension for response within fourth month <u>1,590.00</u>															
1051 Surcharge-Late oath or declaration <u>130.00</u>															

SUBMITTED BY					
Signature			Registration No. (Attorney/Agent)	50,373	Telephone
Name (Print/Type)	Stephana E. Patton		Date	January 4, 2007	

01/10/2007 GFREY1 00000084 041105 10550152

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\$0.00 D.R. I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EV 971737005 US, on the date shown below in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.					
Dated: January 4, 2007		Signature:	(Lynne M. Hawkes)		



PTO/SB/92 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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Application No. (if known): 10/550,152

Attorney Docket No.: 64190(71432)

Certificate of Mailing under 37 CFR 1.8

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on January 4, 2007
Date

Signature

Lynne M. Hawkes

Typed or printed name of person signing Certificate

Registration Number, if applicable

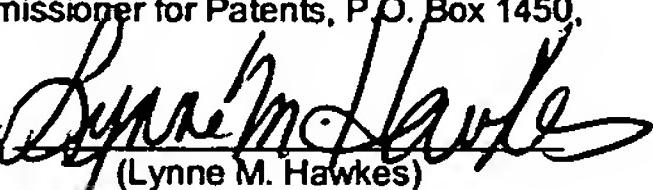
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Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 pages)
Fee Transmittal (1 page)
Four Month Extension of Time (1 page)
Response to Notice to File Missing Parts of application (2 pages)
Part 2 Copy of Notice (2 pages)
Application Data Sheet (4 pages)
Amendment In Response to Notice Under 37 CFR 1.821-825 (4 pages)
Oath & Declaration (8 pages)
Sequency Listing Diskette (1 diskette)
Sequency Listing Paper Copy (35 pages)
Charge \$1720.00 to deposit account 04-1105
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Dated: January 4, 2007 Signature: 
(Lynne M. Hawkes)

Docket No.: 64190(71432)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Joaclim Elmén et al.

Application No.: 10/550,152

Confirmation No.: 1052

Filed: September 20, 2005

Art Unit: N/A

For: SHORT INTERFERING RNA (siRNA)
ANALOGUES

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

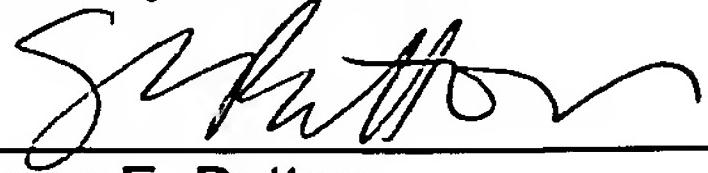
Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed July 27, 2006, Applicant respectfully submits a Declaration, an Amendment, a Sequence Listing Diskette, a Sequence Listing Paper Copy, a Sequence Listing Transmittal, a Petition for Extension of Time, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$1,720.00 covering the fees set forth in 37 CFR 1.17(a)(4) and 1.16(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64190(71432). A duplicate copy of this paper is enclosed.

Dated: January 4, 2007

Respectfully submitted,

By 
Stephana E. Patton

Registration No.: 50,373
EDWARDS ANGELL PALMER & DODGE
LLP
P.O. Box 55874
Boston, Massachusetts 02205
(617) 439-4444
Attorneys/Agents For Applicant



PCT/CO/04/00192 64190(71432) **SEE OTHER SIDE**

UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of 2
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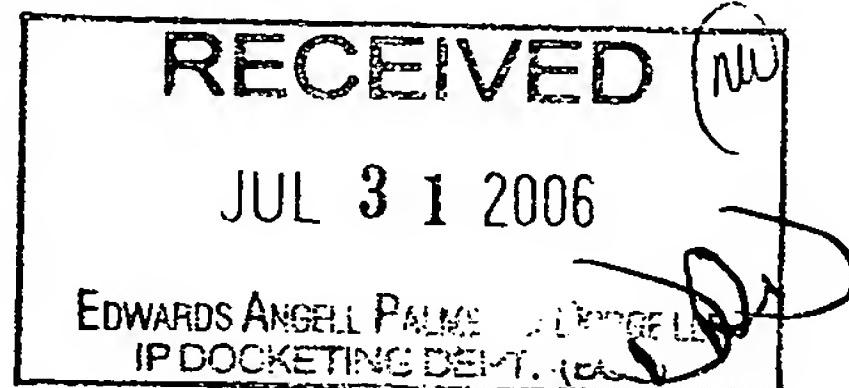
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/550,152	Joacim Elmen	64190(71432)

INTERNATIONAL APPLICATION NO.

PCT/DK04/00192

I.A. FILING DATE	PRIORITY DATE
03/22/2004	03/21/2003

21874
EDWARDS & ANGELL, LLP
P.O. BOX 55874
BOSTON, MA 02205



CONFIRMATION NO. 1052

371 FORMALITIES LETTER



OC000000019767014

Date Mailed: 07/27/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/20/2005
- Copy of the International Search Report filed on 09/20/2005
- Copy of IPE Report filed on 09/20/2005
- Preliminary Amendments filed on 09/20/2005
- Information Disclosure Statements filed on 02/14/2006
- Biochemical Sequence Listing filed on 09/20/2005
- Request for Immediate Examination filed on 09/20/2005
- U.S. Basic National Fees filed on 09/20/2005
- Priority Documents filed on 09/20/2005
- Specification filed on 09/20/2005
- Claims filed on 09/20/2005
- Abstracts filed on 09/20/2005
- Drawings filed on 09/20/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8,

2000) and 1238 OG 145 (September 19, 2000).

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/550,152	PCT/DK04/00192	64190(71432)